Report No.: 8003-081

CONFIDENTIAL NOT FOR PUBLIC RELEASE

RECOMMENDATION

Based on information contained in the site inspection report, and additional information collected, the following conclusions were drawn. The Gen Tape, Inc. site overlies two geologic units that consist of (in descending order of depth) unconsolidated deposits of clay, sand, and gravel, and the Brunswick Shale aquifer. The Brunswick Shale aquifer is the uppermost aquifer of the Newark Group, and consists of brown, reddish-brown, and gray shale, sandy shale, sandstone, and conglomerate. The unconsolidated deposits and the Brunswick Shale Aquifer are Interconnected. A release of contaminants to groundwater is not documented as there are no on-site monitoring wells, and no groundwater samples were collected during the 1991 Site Inspection. There are approximately 15,387 people (0 - 1/4 mile, 0; 1/4 - 1/2 mile, 0; 1/2 -1 mile, 0; 1 - 2 miles, 6,400; 2 - 3 miles, 5,688; 3 - 4 miles, 3,299), who obtain drinking water from municipal water wells within four miles of the site. The nearest well is a public supply well located 1.6 miles west (upgradient) of the site. There are no downgradient drinking water wells within four miles of the site. A release of contaminants from the site to surface water is also not documented as no surface water/sediment samples were collected during the 1991 Site Inspection. The nearest downslope water body is the Second River which is located approximately 0.76 miles north of the site. The Second River flows east into the Passaic River, which empties into Newark Bay. Although a large number of residents within 4 miles of the site rely on surface water as a source of potable water, none of the surface water is taken from along the 15-mile surface water pathway. The Passaic River and Newark Bay are utilized as fisheries; however, there is an advisory from the New Jersey Department of Environmental Protection and Energy (NJDEPE), Division of Fish, Game, and Wildlife in effect along the entire length of the entire Newark Bay Complex which limits the sale or consumption of all fish, shellfish, and crustaceans. Approximately two miles of wetland frontage are located along the Passaic River, with an additional four miles of wetland frontage located along Newark Bay. The Passaic River is a NJDEPE classified Saline Waterbody (SE3). Designated uses of such a waterbody include secondary contact recreation, the maintenance and migration of fish populations, the migration of diadromous fish, and the maintenance of wildlife. There is no known documentation indicating that the fisheries or sensitive environments have been actually contaminated. There are 16 residences and one school located within 200 feet of the site; however, there is no documentation to indicate that contaminants have migrated off-site to the nearby residences and school. On-site surface soil contaminants are present at concentrations below established health-based benchmarks, which precludes any Level I concentrations off-site if sampling were to be conducted. A Level II detection off-site is insufficient for the site to score > 28.5. The site is active, with less than 100 on-site workers. There are no day care facilities within 200 feet of the site. There is no evidence indicating a release of contaminants from the site to the air. Based upon the information outlined above, no further sampling is recommended, and Site Evaluation Accomplished (SEA) is given for the Gen Tape, Inc. Site. The following is the definition of SEA: To the best of the EPA's knowledge, Superfund has completed its assessment at this site, and has determined that no further steps to list this site on the NPL will be taken unless information indicating that this decision was not appropriate or other considerations make a recommendation for listing appropriate at a later time. A "SEA" decision does not necessarily mean that there is no hazard associated with a given site; it means only that based upon available information, the location is not judged to be a potential NPL site.

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Record Information

- Site Name: Gen Tape Inc./General Plastics Corp. (as entered in CERCLIS)
- 2. Site CERCLIS Number: NJD 981557903
- 3. Site Reviewer: Lisa Szegedi/Steven T. McNulty
- 4. Date: 9/9/92
- Site Location: Bloomfield Township/Essex, New Jersey (City/County, State)
- 6. Congressional District: NJ-11
- 7. Site Coordinates: Single

Latitude: 40 46'44.0" Longitude: 074 11'31.0"

Site Description

- 1. Setting: Unknown
- 2. Current Owner: Unknown
- 3. Current Site Status: Site with Unknown Source
- 4. Years of Operation: Unknown
- 5. How Initially Identified: Unknown
- 6. Entity Responsible for Waste Generation:
 - Unknown
- 7. Site Activities/Waste Deposition:
 - Unknown

Waste Description

8. Wastes Deposited or Detected Onsite:

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Response Actions

9. Response/Removal Actions:

RCRA Information

10. For All Active Facilities, RCRA Site Status:

Demographic Information

- 11. Workers Present Onsite: Unknown
- 12. Distance to Nearest Non-Worker Individual: Unknown
- 13. Residential Population Within 1 Mile: Unknown
- 14. Residential Population Within 4 Miles: Unknown

Water Use Information

- 15. Local Drinking Water Supply Source:
- 16. Total Population Served by Local Drinking Water Supply Source: Unknown
- 17. Drinking Water Supply System Type for Local Drinking Water Supply Sources:
- 18. Surface Water Adjacent to/Draining Site:

PREscore 1.0 - PRESCORE.TCL File 12/23/91 HRS DOCUMENTATION RECORD

Gen Tape Inc./General Plastics Corp. - 04/01/93

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1. Site Name: Gen Tape Inc./General Plastics Corp. (as entered in CERCLIS)

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7. Site Coordinates: Single

Latitude: 40 46'44.0" Longitude: 074 11'31.0"

	Score	<u>-</u>
Ground Water Migration Pathway Score (Sgw)	29.88	11.60
Surface Water Migration Pathway Score (Ssw)	0.77	
Soil Exposure Pathway Score (Ss)	0.65	
Air Migration Pathway Score (Sa)	13.79	

Site Score	ا محق 12	

NOTE

EPA uses the terms "facility," "site," and "release" interchangeably. The term "facility" is broadly defined in CERCLA to include any area where hazardous substances have "come to be located" (CERCLA Section 109(9)), and the listing process is not intended to define or reflect boundaries of such facilities or releases. Site names, and references to specific parcels or properties, are provided for general identification purposes only. Knowledge regarding the extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

GROUND WATER MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned	
Likelihood of Release to an Aquifer Aquifer: Brunswick Formation			
1. Observed Release 2. Potential to Release	550	0	
2a. Containment 2b. Net Precipitation 2c. Depth to Aquifer 2d. Travel Time 2e. Potential to Release [lines 2a(2b+2c+2d)] 3. Likelihood of Release	10 10 5 35 500 550	10 6 3 25 340 460	
Waste Characteristics			
4. Toxicity/Mobility	*	1 -00E+04	2.008403
5. Hazardous Waste Quantity 6. Waste Characteristics	100	ا ھر	10
Targets			
7. Nearest Well			
	50	5.00E+00	
8. Population 8a. Level I Concentrations 8b. Level II Concentrations 8c. Potential Contamination 8d. Population (lines 8a+8b+8c) 9. Resources 10. Wellhead Protection Area 11. Targets (lines 7+8d+9+10) 12. Targets (including overlaying aquifers) 13. Aquifer Score	50 ** ** ** 5 20 ** **	5.00E+00 0.00E+00 0.00E+00 2.03E+02 2.03E+02 0.00E+00 2.08E+02 2.08E+02 20.88	

^{*} Maximum value applies to waste characteristics category. ** Maximum value not applicable.

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release 2. Potential to Release by Overland Flow	550	0
2a. Containment 2b. Runoff	10 25	10 1
2c. Distance to Surface Water 2d. Potential to Release by Overland	25 500	6 70
Flow [lines 2a(2b+2c)] 3. Potential to Release by Flood	300	, ,
3a. Containment (Flood) 3b. Flood Frequency	10 50	10 7
3c. Potential to Release by Flood (lines 3a x 3b)	500	70
4. Potential to Release (lines 2d+3c) 5. Likelihood of Release	500 550	140 140
Waste Characteristics		
6. Toxicity/Persistence	*	1.00E+04
7. Hazardous Waste Quantity 8. Waste Characteristics	* 100	10 18
Targets		
9. Nearest Intake	50	0.00E+00
10. Population 10a. Level I Concentrations	**	0.00E+00
10b. Level II Concentrations 10c. Potential Contamination	**	0.00E+00 0.00E+00
10d. Population (lines 10a+10b+10c)	** 5	0.00E+00 5.00E+00
12. Targets (lines 9+10d+11)	**	5.00E+00
13. DRINKING WATER THREAT SCORE	100	0.15

^{*} Maximum value applies to waste characteristics category. ** Maximum value not applicable.

PRESCORE 1.0 - PRESCORE.TCL File 12/23/91 PAGE SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET Gen Tape Inc./General Plastics Corp. - 04/01/93

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
14. Likelihood of Release (same as line 5)	550	140
Waste Characteristics		
15. Toxicity/Persistence/Bioaccumulation 16. Hazardous Waste Quantity 17. Waste Characteristics	* * 1000	5.00E+08 10 180
Targets		
18. Food Chain Individual 19. Population	50	2.00E+00
19a. Level I Concentrations 19b. Level II Concentrations 19c. Pot. Human Food Chain Contamination 19d. Population (lines 19a+19b+19c) 20. Targets (lines 18+19d)	** ** ** **	0.00E+00 0.00E+00 3.03E-04 3.03E-04 2.00E+00
21. HUMAN FOOD CHAIN THREAT SCORE	100	0.61

^{*} Maximum value applies to waste characteristics category. ** Maximum value not applicable.

PRESCORE 1.0 - PRESCORE.TCL File 12/23/91 PAG SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET Gen Tape Inc./General Plastics Corp. - 04/01/93

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
22. Likelihood of Release (same as line 5)	550	140
Waste Characteristics		
23. Ecosystem Toxicity/Persistence/Bioacc. 24. Hazardous Waste Quantity 25. Waste Characteristics	* * 1000	5.00E+08 10 180
Targets		
26. Sensitive Environments 26a. Level I Concentrations 26b. Level II Concentrations 26c. Potential Contamination 26d. Sensitive Environments (lines 26a+26b+26c) 27. Targets (line 26d)	** ** ** **	0.00E+00 0.00E+00 6.50E-03 6.50E-03
28. ENVIRONMENTAL THREAT SCORE	60	0.00
29. WATERSHED SCORE	100	0.77
30. SW: OVERLAND/FLOOD COMPONENT SCORE (Sof)	100	0.77

^{*} Maximum value applies to waste characteristics category. ** Maximum value not applicable.

PREscore 1.0 - PRESCORE.TCL File 12/23/91 SOIL EXPOSURE PATHWAY SCORESHEET Gen Tape Inc./General Plastics Corp. - 04/01/93

SOIL EXPOSURE PATHWAY Factor Categories & Factors RESIDENT POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
1. Likelihood of Exposure	550	550
Waste Characteristics		
2. Toxicity 3. Hazardous Waste Quantity 4. Waste Characteristics	* * 100	1.00E+04 10 18
Targets		
5. Resident Individual 6. Resident Population 6a. Level I Concentrations 6b. Level II Concentrations 6c. Resident Population (lines 6a+6b) 7. Workers 8. Resources 9. Terrestrial Sensitive Environments	50 ** ** 15 5 ***	0.00E+00 0.00E+00 0.00E+00 0.00E+00 5.00E+00 0.00E+00
10. Targets (lines 5+6c+7+8+9)	**	5.00E+00
11. RESIDENT POPULATION THREAT SCORE	**	4.95E+04

^{*} Maximum value applies to waste characteristics category.

** Maximum value not applicable.

*** No specific maximum value applies, see HRS for details.

PREscore 1.0 - PRESCORE.TCL File 12/23/91 SOIL EXPOSURE PATHWAY SCORESHEET Gen Tape Inc./General Plastics Corp. - 04/01/93

SOIL EXPOSURE PATHWAY Factor Categories & Factors NEARBY POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
12. Attractiveness/Accessibility 13. Area of Contamination 14. Likelihood of Exposure	100 100 500	1.00E+01 5.00E+00 5.00E+00
Waste Characteristics		
15. Toxicity 16. Hazardous Waste Quantity 17. Waste Characteristics	* * 100	1.00E+04 10 18
Targets		
18. Nearby Individual 19. Population Within 1 Mile 20. Targets (lines 18+19)	1 ** **	1.00E+00 4.30E+01 4.40E+01
21. NEARBY POPULATION THREAT SCORE	**	3.96E+03
SOIL EXPOSURE PATHWAY SCORE (Ss)	100	0.65

^{*} Maximum value applies to waste characteristics category. ** Maximum value not applicable.

PREscore 1.0 - PRESCORE.TCL File 12/23/91 AIR PATHWAY SCORESHEET Gen Tape Inc./General Plastics Corp. - 04/01/93

AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release 2. Potential to Release	550	0
2a. Gas Potential to Release 2b. Particulate Potential to Release 2c. Potential to Release 3. Likelihood of Release	500 500 500 550	360 280 360 360
Waste Characteristics		
4. Toxicity/Mobility 5. Hazardous Waste Quantity 6. Waste Characteristics	* * 100	2.00E+03 10 10
Targets		
7. Nearest Individual	50	2.00E+01
8. Population 8a. Level I Concentrations 8b. Level II Concentrations	**	0.00E+00 0.00E+00
8c. Potential Contamination	**	2.96E+02 2.96E+02
8d. Population (lines 8a+8b+8c) 9. Resources	5	0.00E+00
10. Sensitive Environments 10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination 10c. Sens. Environments(lines 10a+10b) 11. Targets (lines 7+8d+9+10c)	***	0.00E+00 0.00E+00 3.16E+02
AIR MIGRATION PATHWAY SCORE (Sa)	100	1.38E+01

^{*} Maximum value applies to waste characteristics category.
** Maximum value not applicable.
*** No specific maximum value applies, see HRS for details.

PREscore 1.0 - PRESCORE.TCL File 12/23/91 WASTE QUANTITY Gen Tape Inc./General Plastics Corp. - 04/01/93

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1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: Contaminated Soil

a. Wastestream ID	
b. Hazardous Constituent Quantity (C) (1bs.)	0.00
c. Data Complete?	NO
d. Hazardous Wastestream Quantity (W) (1bs.)	0.00
e. Data Complete?	NO
f. Wastestream Quantity Value (W/5,000)	0.00E+00

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2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID	Contaminated Soil
b. Source Type	Contaminated Soil
c. Secondary Source Type	N.A.
d. Source Volume (yd3) Source Area (ft2)	0.00 174240.00
e. Source Volume/Area Value	5.12E+00
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)	0.00E+00
g. Data Complete?	NO
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of lf)	0.00E+00
i. Data Complete?	NO
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)	5.12E+00

Source Hazardous Substances	Depth (feet)	Liquid	Concent.	Units
Barium Cadmium Dichloroethylene, trans-1,2- Mercury Nickel Silver Tetrachloroethene Trichloroethane, 1,1,1- Trichloroethylene	< 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 2	NO NO NO NO NO NO NO NO	5.2E+02 6.1E+00 7.1E-02 3.1E+00 7.0E+01 6.1E+00 1.0E-01 1.0E-01 1.4E-01	ppm ppm ppm ppm ppm ppm ppm ppm ppm

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WASTE QUANTITY
Gen Tape Inc./General Plastics Corp. - 04/01/93

3. SITE HAZARDOUS WASTE QUANTITY SUMMARY

No. Source ID	Migration Pathways		Constituent or Wastestream Value (2f,2h)	
1 Contaminated Soil	GW-SW-SE-A	5.12E+00	0.00E+00	5.12E+00

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4. PATHWAY HAZARDOUS WASTE QUANTITY AND WASTE CHARACTERISTICS SUMMARY TABLE

Migration Pathway	Contaminant Values		+aVQWH	WCVs**	
Ground Water	Toxicity/Mobility	1_00E+04	10	28 10	£0+300.G
SW: Overland Flow, DW	Tox./Persistence	1.00E+04	10	18	
SW: Overland Flow, HFC	Tox./Persis./Bioacc.	5.00E+08	10	180	
SW: Overland Flow, Env	Etox./Persis./Bioacc.	5.00E+08	10	180	
SW: GW to SW, DW	Tox./Persistence	1.00E+04	10	18	
SW: GW to SW, HFC	Tox./Persis./Bioacc.	5.00E+07	10	100	
SW: GW to SW, Env	Etox./Persis./Bioacc.	5.00E+06	10	56	
Soil Exposure:Resident	Toxicity	1.00E+04	10	18	
Soil Exposure: Nearby	Toxicity	1.00E+04	10	18	
Air	Toxicity/Mobility	2.00E+03	10	10	

Note:

SW = Surface Water
GW = Ground Water
DW = Drinking Water Threat
HFC = Human Food Chain Threat
Env = Environmental Threat

^{*} Hazardous Waste Quantity Factor Values
** Waste Characteristics Factor Category Values

PREscore 1.0 - PRESCORE.TCL File 12/23/91 GROUND WATER PATHWAY AQUIFER SUMMARY Gen Tape Inc./General Plastics Corp. - 04/01/93

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No. Aquifer ID	Туре	Overlaying No.	Inter- Connected with	Likelihood of Release	Targets
1 Unconsolidated Format		-	0 1	460 460	0.00E+00 2.08E+02
Containment					
No. Source ID	HWQ Va	lue Conta	inment Value		
1 Contaminated So	il 5.12E	+00 10			
Cont	======= ainment Fa	ctor 10			
Net Precipitation					
Net Precipita	tion (inch	es)		0.00	

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GROUND WATER PATHWAY LIKELIHOOD OF RELEASE Unconsolidated Formation AQUIFER
Gen Tape Inc./General Plastics Corp. - 04/01/93

Aquifer: Unconsolidated Formation

Type of Aquifer: Non Karst

Overlaying Aquifer: 0

Interconnected with: 0

OBSERVED RELEASE

No. Well ID Well Type (miles) Level of Contamination
- N/A and/or data not specified

Observed Release Factor

PREscore 1.0 - PRESCORE.TCL File 12/23/91 PAGE: 15 GROUND WATER PATHWAY LIKELIHOOD OF RELEASE Unconsolidated Formation AQUIFER Gen Tape Inc./General Plastics Corp. - 04/01/93

POTENTIAL TO RELEASE

Containment			
Containment Factor		10	
Net Precipitation			
Net Precipitation Factor	r	6	
Depth to Aquifer			
A. Depth of Hazardous S	Substances	2.00	feet
B. Depth to Aquifer fro	om Surface	10.00	feet
C. Depth to Aquifer (B	- A)	8.00	feet
Depth to Aquifer Factor		5	
Travel Time			
Are All Layers Karst?		NO	
Thickness of Layer(s) w	ith Lowest Conductivity	0.00	feet
Hydraulic Conductivity	(cm/sec)	0.0E-00	
Travel Time Factor		35	
P(otential to Release Factor	460	=======

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GROUND WATER PATHWAY LIKELIHOOD OF RELEASE Brunswick Formation AQUIFER
Gen Tape Inc./General Plastics Corp. - 04/01/93

Aquifer: Brunswick Formation

Type of Aquifer: Non Karst

Overlaying Aquifer: 1

Interconnected with: 1

OBSERVED RELEASE

No. Well ID Well Type (miles) Level of Contamination
- N/A and/or data not specified

in A and of data not specified

Observed Release Factor

0

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POTENTIAL TO RELEASE

Containment			
Containment Factor		10	
Net Precipitation			
Net Precipitation Factor		6	
Depth to Aquifer	•		
A. Depth of Hazardous Su	bstances	2.00	feet
B. Depth to Aquifer from	Surface	100.00	feet
C. Depth to Aquifer (B -	A)	98.00	feet
Depth to Aquifer Factor		3	
Travel Time			
Are All Layers Karst?		NO	
Thickness of Layer(s) wit	h Lowest Conductivity	90.00	feet
Hydraulic Conductivity (c	m/sec)	1.0E-05	
Travel Time Factor		25	
Pot	ential to Release Factor	340	=====

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Source: 1 Contaminated Soil

Source Hazardous Waste Quantity Value: 5.12

Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
Barium Cadmium Dichloroethylene, trans-1,2- Mercury Nickel Silver Tetrachloroethene Trichloroethylene, 1,1,1- Trichloroethylene	10000	1.00E-02	1.00E+02
	10000	1.00E+00	1.00E+04
	100	1.00E+00	1.00E+02
	10000	2.00E-05	2.00E-01
	10000	2.00E-05	2.00E-01
	1000	2.00E-07	2.00E-04
	100	1.00E-02	1.00E+00
	10	1.00E-02	1.00E-01

PRESCORE 1.0 - PRESCORE.TCL File 12/23/91 GROUND WATER PATHWAY WASTE CHARACTERISTICS Gen Tape Inc./General Plastics Corp. - 04/01/93

Hazardous Substances Found in an Observed Release

Well Observed Release No. Hazardous Substance Toxicity Mobility Value Value

Toxicity/ Mobility Value

PAGE: 19

- N/A and/or data not specified

PRESCORE 1.0 - PRESCORE.TCL File 12/23/91 GROUND WATER PATHWAY WASTE CHARACTERISTICS Gen Tape Inc./General Plastics Corp. - 04/01/93

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Toxicity/Mobility Value from Source Hazardous Substances:	1.00E+04
Toxicity/Mobility Value from Observed Release Hazardous Substances:	0.00E+00
Toxicity/Mobility Factor:	1.00E+04
Sum of Source Hazardous Waste Quantity Values:	5.12E+00
Hazardous Waste Quantity Factor:	10
Waste Characteristics Factor Category:	18

PRESCORE 1.0 - PRESCORE.TCL File 12/23/91 PAGE: 21 GROUND WATER PATHWAY TARGETS FOR AQUIFER Unconsolidated Formation Gen Tape Inc./General Plastics Corp. - 04/01/93

Population by Well

No. Well ID Sample Type Distance Level of (miles) Contamination Population

- N/A and/or data not specified

Level I Population Factor: 0.00

Level II Population Factor: 0.00

PREscore 1.0 - PRESCORE.TCL File 12/23/91 PAGE: GROUND WATER PATHWAY TARGETS FOR AQUIFER Unconsolidated Formation Gen Tape Inc./General Plastics Corp. - 04/01/93

Potential Contamination by Distance Category

Distance Category (miles)	Population	Value
> 0 to 1/4	0.0	0.00E+00
> 1/4 to 1/2 > 1/2 to 1	0.0	0.00E+00
> 1/2 to 1	0.0	0.00E+00
> 1 to 2	0.0	0.00E+00
> 2 to 3	0.0	0.00E+00
> 3 to 4	0.0	0.00E+00

Potential Contamination Factor:

0.000

Nearest Well

Level of Contamination: N.A.

Nearest Well Factor: 0.00E+00

Resources

Resource Use: NO

Resource Factor: 0.00E+00

Wellhead Protection Area

No wellhead protection area

Wellhead Protection Area Factor: 0.00E+00

PREscore 1.0 - PRESCORE.TCL File 12/23/91 PAGE: 23 GROUND WATER PATHWAY TARGETS FOR AQUIFER Brunswick Formation Gen Tape Inc./General Plastics Corp. - 04/01/93

Population by Well

No. Well ID Sample Type (miles) Contamination Population

- N/A and/or data not specified

Level I Population Factor: 0.00

Level II Population Factor: 0.00

PREscore 1.0 - PRESCORE.TCL File 12/23/91 PAGE: GROUND WATER PATHWAY TARGETS FOR AQUIFER Brunswick Formation Gen Tape Inc./General Plastics Corp. - 04/01/93

Potential Contamination by Distance Category

Distance Category (miles)	Population	Value
> 0 to 1/4	0.0	0.00E+00
> 1/4 to 1/2	0.0	0.00E+00
> 1/4 to 1/2 > 1/2 to 1	0.0	0.00E+00
> 1 to 2	6400.0	9.39E+01
> 2 to 3	5688.0	6.78E+01
> 3 to 4	3299.0	4.17E+01

Potential Contamination Factor:

203.000

24

Nearest Well

Level of Contamination: Potential

Distance in miles: 1.10

Nearest Well Factor: 5.00E+00

Resources

Resource Use: NO

Resource Factor: 0.00E+00

Wellhead Protection Area

No wellhead protection area

Wellhead Protection Area Factor: 0.00E+00

PREscore 1.0 - PRESCORE.TCL File 12/23/91 SURFACE WATER PATHWAY SEGMENT SUMMARY Gen Tape Inc./General Plastics Corp. - 04/01/93

No. Segment ID	Segment Type	Water Type	Start Point (mi)	End Point (mi)	Average Flow (cfs)
1 Second River	River	Fresh	0.00	2.43	22
2 Passaic River	River	Fresh	2.43	9.31	1156
3 Newark Bay	Coastal Ti	Fresh	9.31	15.00	N.A.

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PREscore 1.0 - PRESCORE.TCL File 12/23/91 PAGE: 26 SURFACE WATER PATHWAY OVERLAND FLOW/FLOOD COMPONENT LIKELIHOOD OF RELEASE Gen Tape Inc./General Plastics Corp. - 04/01/93

OBS	ERVED RELEASE						
No.	Sample ID	Sample Type	Distance (miles)	Level of DW	Contaminat HFC	tion Env	
	- N/A and/or data n	not specified					•
.===:							
		Observed Rele	ase Factor	0			

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SURFACE WATER PATHWAY OVERLAND FLOW/FLOOD COMPONENT LIKELIHOOD OF RELEASE
Gen Tape Inc./General Plastics Corp. - 04/01/93

POTENTIAL TO RELEASE

Potential to Release by Overland Flow

Containment

No.	Source ID		HWQ Value	Containment	Value
1	Contaminated	Soil	5.12E+00	10	

Containment Factor: 10

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Dista:	nce to Surface Water		
Dis	tance to Surface Water:	3500	.0 feet
Dis	tance to Surface Water Factor:	6	
Runof	f -		
Α.	Drainage Area:	8.0	acres
В.	2-year, 24-hour Rainfall:	3.5	inches
С.	Soil Group: Moderately-fine textured soils with low infiltra	C tion	rates
Run	off Factor:	1	
		====	
Pot	ential to Release by Overland Flow Factor:	70	

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Potential to Release by Flood

No.	Source ID	HWQ Value	Flood Containment Value	Flood Frequency Value	Potential to Release by Flood
1	Contaminated Soil	5.12E+00	10	7	70

Potential to Release by Flood Factor: 70

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Source: 1 Contaminated Soil

Source Hazardous Waste Quantity Value: 5.12

Hazardous Substance	Toxicity Value	Persistence Value	Toxicity/ Persistence Value
Barium Cadmium Dichloroethylene, trans-1,2- Mercury Nickel Silver Tetrachloroethene Trichloroethylene, 1,1,1- Trichloroethylene	10000	1.00E+00	1.00E+04
	10000	1.00E+00	1.00E+04
	100	4.00E-01	4.00E+01
	10000	1.00E+00	1.00E+04
	10000	1.00E+00	1.00E+03
	1000	4.00E-01	4.00E+01
	100	4.00E-01	4.00E+00
	10	4.00E-01	4.00E+00

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SW PATHWAY: OVERLAND/FLOOD DRINKING WATER THREAT WASTE CHARACTERISTICS
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Hazardous Substances Found in an Observed Release

Sample Observed Release No. Hazardous Substance

Toxicity Value

Persistence Toxicity/ Value Persistence Value

- N/A and/or data not specified

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Toxicity/Persistence Value from Source Hazardous Substances:	1.00E+04
Toxicity/Persistence Value from Observed Release Hazardous Substances:	0.00E+00
Toxicity/Persistence Factor:	1.00E+04
Sum of Source Hazardous Waste Quantity Values:	5.12E+00
Hazardous Waste Quantity Factor:	10
Waste Characteristics Factor Category:	18

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SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT DRINKING WATER THREAT TARGETS
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Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

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SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT DRINKING WATER THREAT TARGETS
Gen Tape Inc./General Plastics Corp. - 04/01/93

Level I Concentrations

Distance Along the In-water Segment from the Probable Point of Entry (miles) Population Intake

- N/A and/or data not specified

Population Served by Level I Intakes: 0.0

Level I Population Factor: 0.00E+00

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SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT DRINKING WATER THREAT TARGETS
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Level II Concentrations

Distance Along the In-water Segment from the Probable Point of Entry (miles) Population Intake

- N/A and/or data not specified

Population Served by Level II Intakes:

0.0

Level II Population Factor: 0.00E+00